

ABSTRACT OF THE DISCLOSURE

A radial flow filter for use in a bottle, such as a carbon block filter, having a substantially tubular solid wall siphon shield or shroud mounted at one end of the filter element and defining an annular siphon space. The shield is mounted adjacent one of the filter when it is connected to a cap for closing a bottle, having a manual valve (such as a push-pull valve), and is mounted adjacent the other end of the filter when the filter is connected to a drinking straw. The siphon shield allows dispensing of almost all of the water present at the cap when the bottle is inverted for the cap-mounted embodiment, or adjacent the bottom of the bottle for the straw-mounted embodiment, without drawing significant amounts of air through the filter through non-submerged portions of the filter. That is, the maximum amount may be dispensed from the bottle without aspirating air through the filter.

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